

JPD18

L6 ANSWER 5 OF 5 JAPIO (C) 2008 JPO on STN
AN 1986-118968 JAPIO Full-text
TI ALKALI-ZINC STORAGE BATTERY
IN INOUE KENJI; NOGAMI MITSUZO; FURUKAWA SANEHIRO
PA SANYO ELECTRIC CO LTD

PI JP 6118968 A 19860606 Showa
AI JP 1984-240004 (JP59240004 Showa) 19841114

PRAI JP 1984-240004 19841114

SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Volume 1986

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AB PURPOSE: To restrain the close generation of an inert zinc compound on the surface of a zinc electrode to make a cycle life long by permitting the zinc electrode to contain a lithium hydroxide. CONSTITUTION: A zinc oxide, zinc, a indium hydroxide, a thallium hydroxide, a lithium hydroxide and fluororesin are mixed in various proportion, and after adding water to the mixed powder which has been obtained to blend, sheet-like active material is prepared by rolling by means of rollers. The active material is adhered to a porous collecting body consisting of copper etc., and pressure forming is carried out, and drying is carried out, and thus a zinc electrode having active material layers on both sides of the collecting body is obtained. An electrode body is constituted between the zinc electrode and a sintered type nickel electrode through a separator, and after inserting the electrode body into the sheathing can of a battery, the potassium hydroxide solution of 30% which is saturated with the zinc oxide is injected as electrolytic solution.

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